

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,162,173 B2  
APPLICATION NO. : 10/784936  
DATED : January 9, 2007  
INVENTOR(S) : Satoru Motohashi et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE, AT ITEM (54):

Title, "PEAK TO PEAK" should read --PEAK-TO-PEAK--.

COLUMN 1:

Line 3, "PEAK TO PEAK" should read --PEAK-TO-PEAK--.

COLUMN 2:

Line 46, "Consequently" should read --Consequently,--.

COLUMN 7:

Line 59, "2.0  $\mu\text{pm}$ ." should read --2.0  $\mu\text{m}$ --.

COLUMN 9:

Line 6, "stepwise" should read --stepwisely--.

COLUMN 10:

Line 35, "periphery for example" should read --periphery, for example,--.

COLUMN 11:

Line 67, "quently" should read --quantly,--.

COLUMN 12:

Line 18, "Also" should read --Also,--.

COLUMN 15:

Line 12, "Also" should read --Also,--.

Line 34, "Also" should read --Also,--.

COLUMN 16:

Lines 27-29 should be deleted.

COLUMN 17:

Line 43, "therefore" should read --therefore,--.

COLUMN 18:

Line 3, "charge-amount" should read --charge amount--.

Line 8, " $\alpha$ " should read -- $\alpha$ --, and "a current" should read --a ratio of current--.

Line 9, "ratio of" should be deleted.

Line 17, "Consequently" should read --Consequently,--.

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COLUMN 19:

Line 34, "control AC" should read --control ¶ AC--.  
Line 36, "ta" should read -- $\delta a$ --.  
Line 39, "tb" should read -- $\delta b$ --.  
Line 61, "Also" should read --Also,--.  
Line 64, "rending" should read --rendering--.

COLUMN 20:

Line 39, "1280." should read --1280--.  
Line 55, "Also" should read --Also,--.

COLUMN 21:

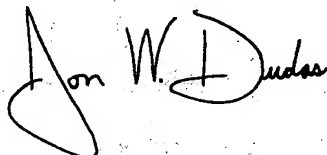
Line 4, "Also" should read --Also,--.  
Line 37, delete "when".  
Line 41, "wherein," should read --wherein--.

COLUMN 22:

Line 36, "a represents" should read -- $\alpha$  represents--.  
Line 38, "Ac" should read --AC--.  
Line 39, "Jac" should read --Iac--.  
Line 62, "a" should be deleted.  
Line 65, "Ac" should read --AC--.

Signed and Sealed this

Fourth Day of September, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*